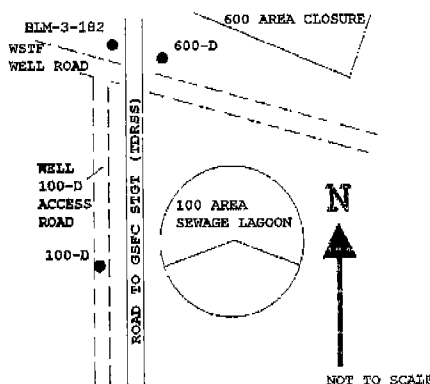


## LOCATION MAP:



## LOCATION DESCRIPTION:

Quarter 1	NE1/4	Section	3
Quarter 2	SE1/4	Township	T21S
Quarter 3	SE1/4	Range	R3E

SITE ID: NASA-JSC WSTF

LOCATION ID: Well 100-D

SITE COORDINATES: N224081.80, E413346.39

GROUND ELEVATION: 4748.45 (Brass Cap)

COUNTY AND STATE: Dona Ana County, New Mexico

DRILLING CONTRACTOR: Stewart Brothers Drilling Co.

DRILLING METHOD(S): Mud rotary/air foam rotary

DATES STARTED AND COMPLETED: May 6, 1997 - May 15, 1997

ATSC FIELD REPRESENTATIVES: Russell/Giles/Pearson

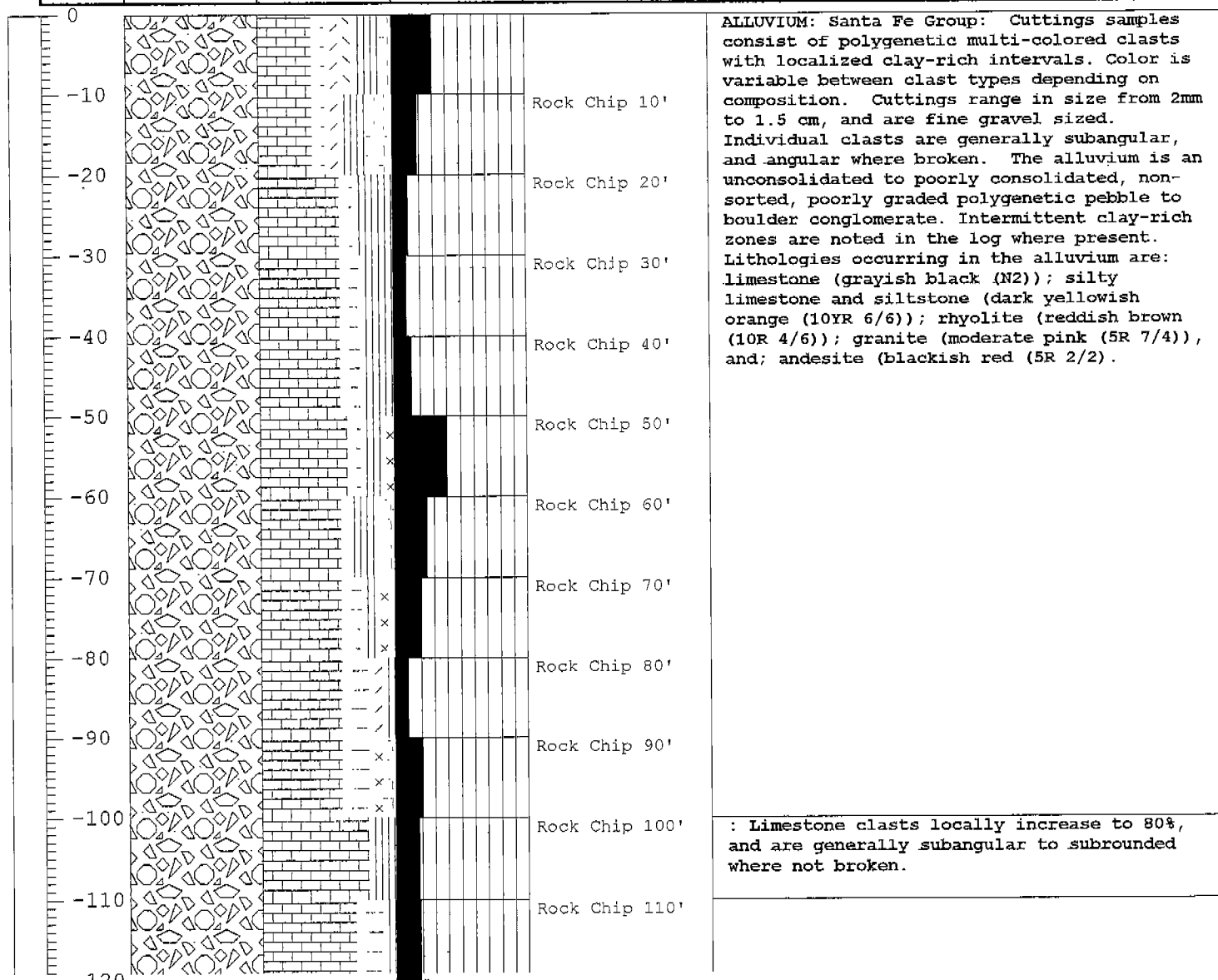
DEPTH TO BEDROCK AND TYPE: 176 Feet - Andesite

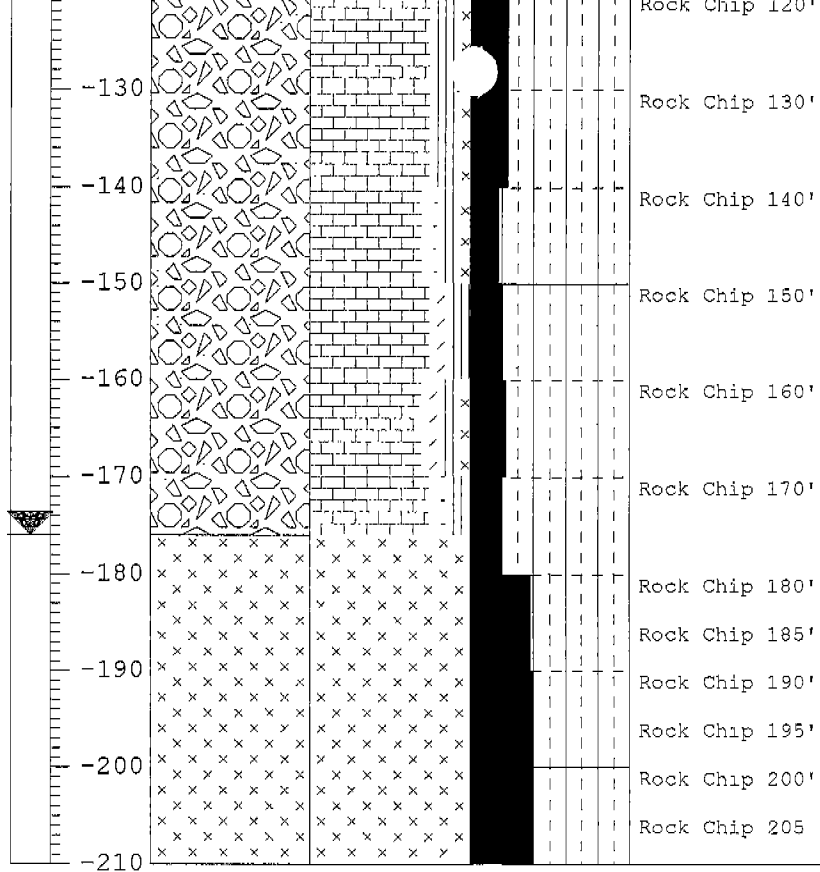
DEPTH TO GROUNDWATER: 176 Feet

TOTAL DEPTH OF BOREHOLE: 210 Feet

COMMENTS: - Mud rotary 17-inch tricone to 176 feet  
 - Set 10 3/4-inch surface casing to 176 feet  
 - Air foam 8 3/4-inch tricone to 210 feet

DEPTH (Feet)	LITHOLOGY	VISUAL PERCENT	DRILLING RATE (Feet/Hr)	SAMPLE TYPE	LITHOLOGIC DESCRIPTION
		0 100	0 100		





: Appearance of 10% dark purple-grey (5RP 3/2) subangular andesite clasts indicate potential proximity to bedrock.

ANDESITE: Oregon Andesite: Color ranges from greyish purple (5P 4/2) to greyish blue (5PB 4/2). Cuttings are angular, broken, and typically less than 1 cm in size. The texture of the andesite is generally aphanitic to microporphyritic. Microphenocrysts comprise 15% of the andesite and are generally tabular plagioclase feldspars to 1 mm in length. Trace calcite veinlets present in less than 5% of the cuttings. Calcite veinlet widths are less than 1 mm.